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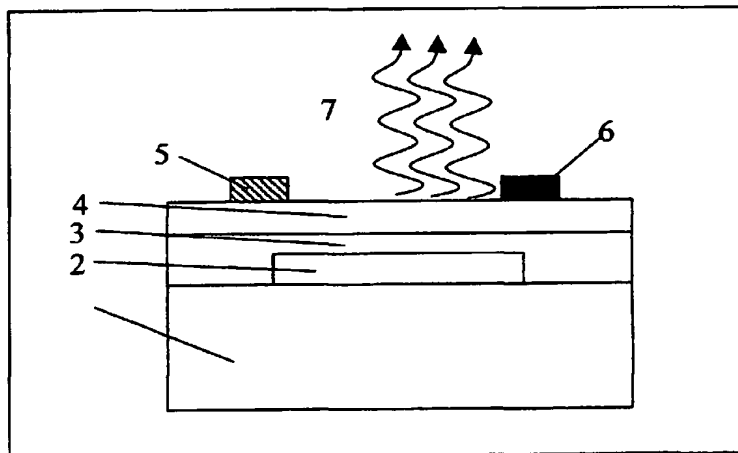
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[Continued on next page]

(54) Title: ORGANIC ELECTROLUMINESCENCE DEVICES



(57) Abstract: An electroluminescence generating device comprising e. a channel of organic semiconductor material (4), said channel being able to carry both types of charge carriers, said charge carriers being electrons and holes; f. an electron electrode (6), said electron electrode being in contact with said channel and positioned on top of a first side of said channel layer or within said channel layer, said electron electrode being able to inject electrons in said channel layer; g. a hole electrode (7), said hole electrode being spaced apart from said electron electrode, said hole electrode being in contact with said channel and positioned on top of said first side of said channel layer or within said channel layer, said hole electrode being able to inject holes into said channel; h. a control electrode (2) positioned on said first side or on a second side of said channel; whereby light emission (7) of said electroluminescence generating device can be acquired by applying an electrical potential difference between said electron electrode (6) and said hole electrode (5).

WO 2004/086526 A3



GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 10, 10 October 2002 (2002-10-10) - & JP 2002 164166 A (CANON INC), 7 June 2002 (2002-06-07) abstract; figures 3-5	1-7, 9, 17, 18, 21-28
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Y	WO 02/102117 A (PARK BYOUNG CHOO) 19 December 2002 (2002-12-19) page 15, lines 14-17	8
A		1-28
Y	US 2002/182307 A1 (GAO ZHI-QIANG ET AL) 5 December 2002 (2002-12-05) paragraphs '0007!, '0012!, '0045!	10
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Information on patent family members

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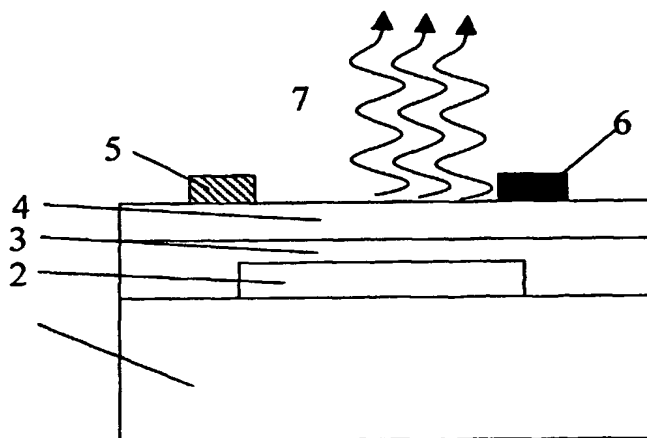
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